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CENTRAL INTELLIGENCE AGENCY

INFORMATION REPORT

REPORT

CD NO.

COUNTRY East Germany

SUBJECT Rappbode Dam

PLACE ACQUIRED

DATE OF INFO.

DATE DISTR 29 November 1954

NO. OF PAGES 7

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SUPPLEMENT TO REPORT NO.

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THIS IS UNEVALUATED INFORMATION

1. Work on the Rappbode Dam, near Wendefurt in Harz, was begun in 1936, but as much of it as had been completed was washed away in 1945. Work on the dam was begun all over again in 1946.

2. The base (Sohle) is 321 meters below water level. (sic) The dam will be 210 meters above water level. The dam is 80 m. wide at the base and the top is the width of the roadway. The reservoir behind the dam will contain about 130,000,000 cubic meters of water. An average of 1,000 laborers work on the construction of the dam.

3. There are two camps for the workers; one recreation hall (Kulturhaus) is provided for their use.

4. Three rotary tower cranes and two cable cranes, the latter with a maximum capacity of 7.5 metric tons each, are in use on the project. The quarry is connected with the silo where the concrete is mixed by a cable car 400 meters long. Three steam shovels, model M-10, are used at the quarry.

5. The Rappbode Dam is to be tied in to the so-called Elbaue-Wasserring* which is to include other dam projects on the Elbe and Saale Rivers and is to collect water from a system of deep wells in the primeval river valleys (Urstromtaeler) in the Duebener Heide and Elbaue. The Elbaue Wasserring is to be completed within the period of the second Five-Year Plan. The water pipeline of the Elbaue Wasserring is to be about 250 kilometers long and the water is to flow to the large industrial cities through steel pipe one meter in diameter. The area containing the cities of Wittenberg, Dessau, Koethen, Halle, Merseburg, Leipzig and Torgau, together with the Bunawerke, the Leunawerke and Kombinats Boehlen and Espenhain, has become an area requiring a great amount of water, and this is the area which will be served by the Elbaue Wasserring.

6. The Elbaue Wasserring is to provide 240,000 cubic meters of water per day. The Rappbode water works on the Elbe, which is included in the system, provides [illegible] 21,000 cubic meters of water per day. An overhead water

*Note: Water supply system

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tower for the city of Halle, to be located on the Petersberg, is to be completed during the second Five-Year Plan; it is to have a capacity of about 20,000 cubic meters.

7. The Elbaue Wasserring project is the largest of its type ever to be undertaken in Germany.

Attachments:

A. Sketch plan of Rappbode Dam (Sketch 1)

B. Detail of the Ground Block (Sketch 2)

C. Sketch of the Upstream Face (Sketch 3)

D. Sketch of the Talsperre Rappbodesperre (Sketch 4)

E. Legend of sketches

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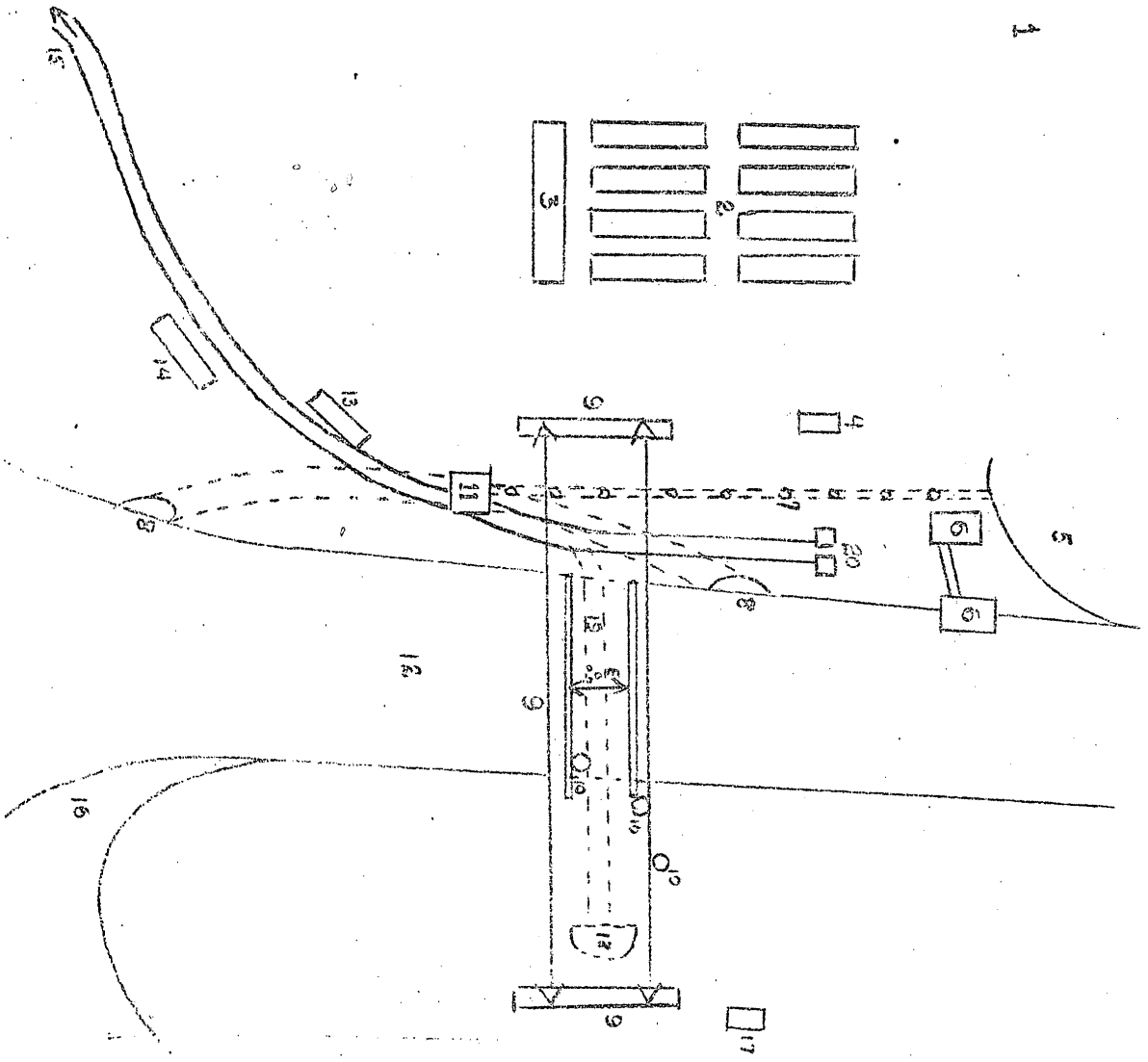
SKETCH NO. 1
BUILDING

RAPPBODE DAM, NEAR WENDEFURTH IM HARZ (51° 45'N - 10° 40'E). 25X1



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SKETCH NO. 2 - DETAIL OF THE GROUND BLOCK

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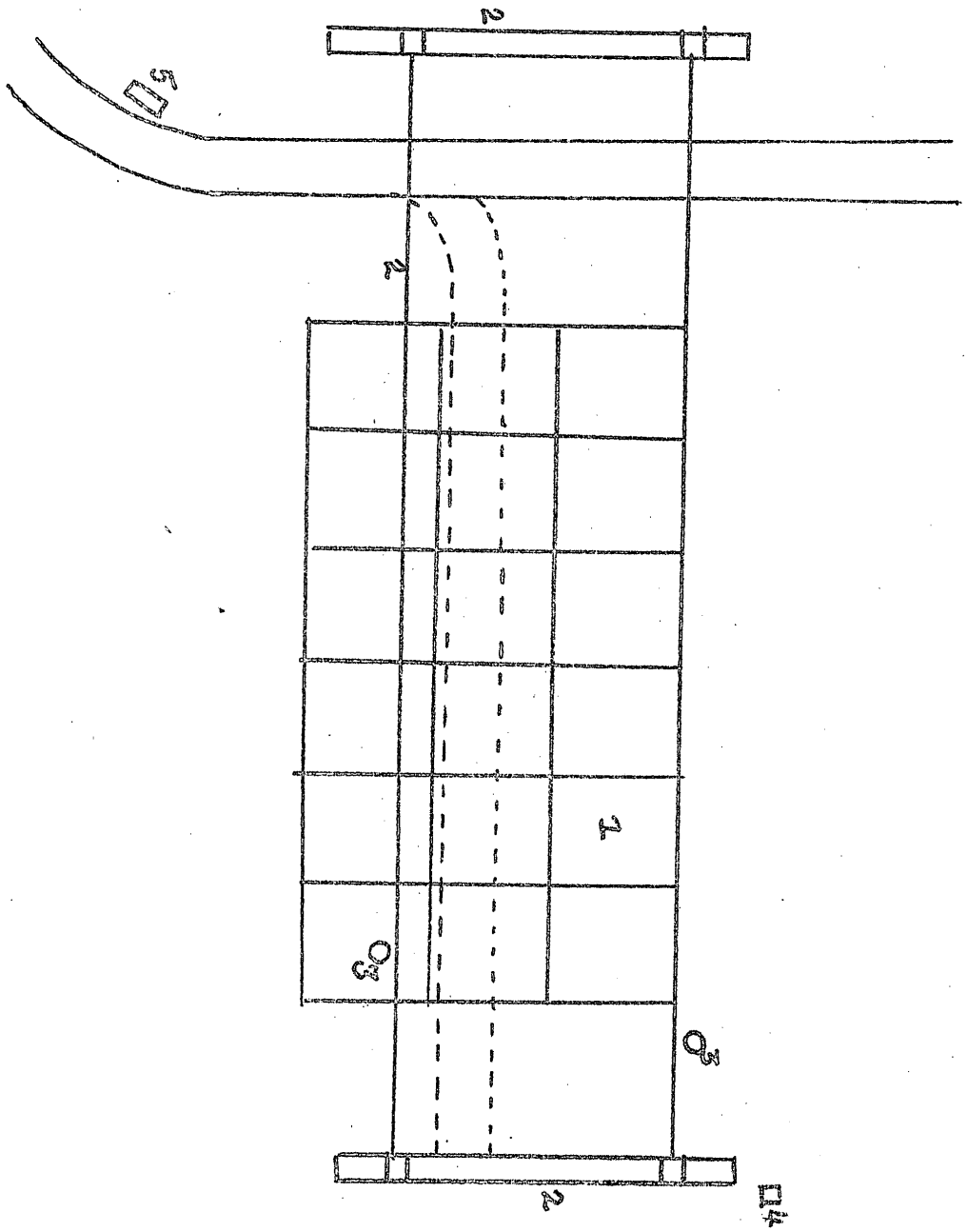

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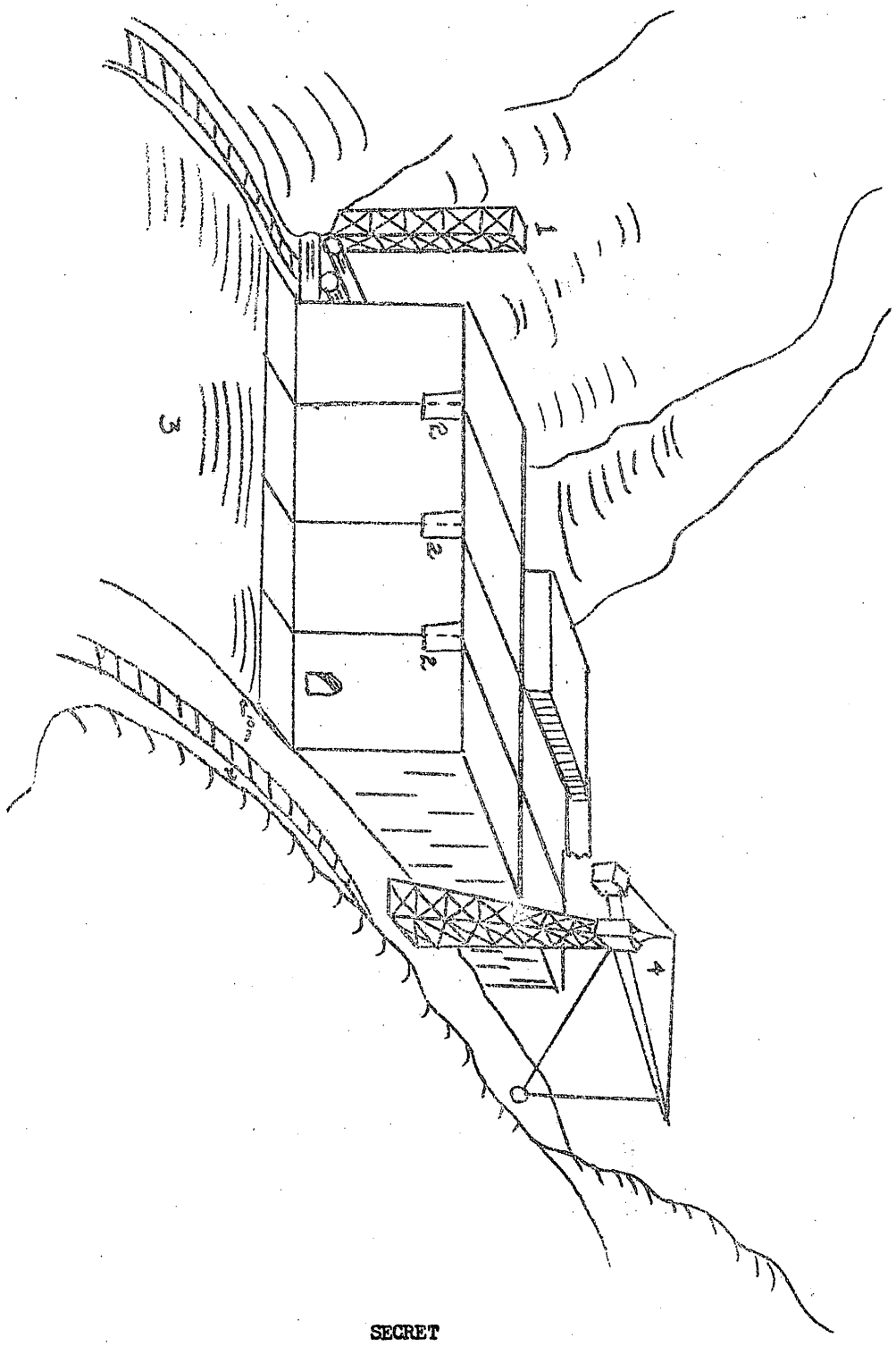
SKETCH NO. 3



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Sketch No. 4

SKETCH OF THE "TALSPERRE RAPPBODESPERRE BEI WENDEFURTH IM HARZ"

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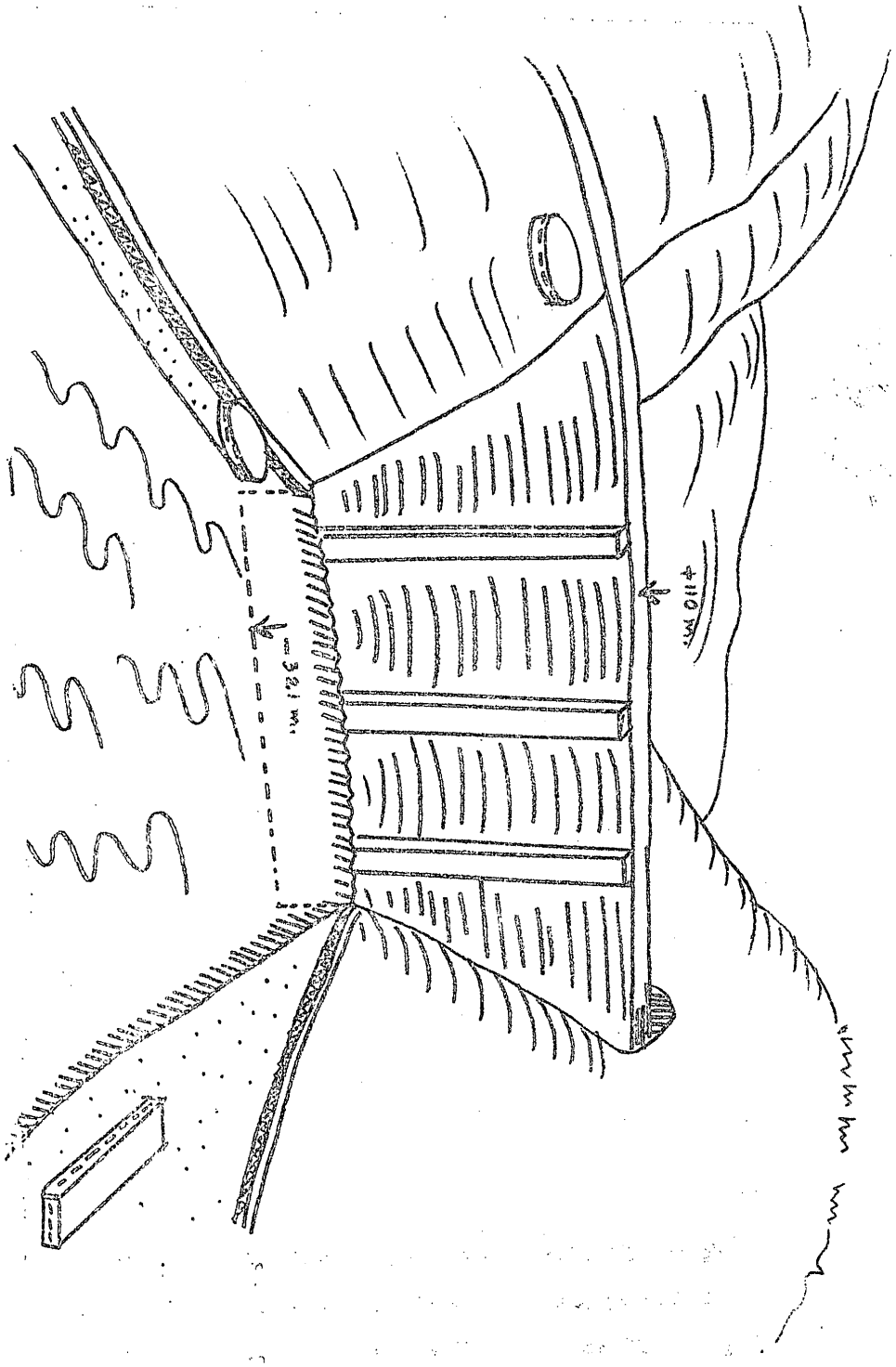

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LEGENDS TO SKETCHES

SKETCH NO. 1

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1. Camp II.
2. Camp I.
3. Recreation Hall.
4. Explosives storage and Guard Post II.
5. Quarry.
6. Crusher.
7. 400 meter long cable cable way
8. Tunnel for overflow of the Rappbode River.
9. Cable cranes.
10. Rotary-tower cranes.
11. Silo.
12. Rappbode River.
13. Main guardhouse.
14. V.P. (Volkspolizei) Barracks.
15. Kilometer marker No. 9, Volkspolizei Guard Post I.
16. Rappbode Valley.
17. Guard post III.
18. Tunnel.
19. Foundation of masonry.
20. Garages.

SKETCH NO. 2

1. Blocks, 16 x 16 meters, thickness, 2 meters
2. Cable cranes.
3. Rotary-tower cranes.
4. Volkspolizei Guard Post III.
5. Main Guardhouse.

SKETCH NO. 3

1. Elevator.
2. Beginning of the piers.
3. Upstream face (Wasserseite)
4. Rotary-tower crane.

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